

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,984,046 B2
APPLICATION NO. : 10/645880
DATED : January 10, 2006
INVENTOR(S) : Takashi Abe et al.

Page 1 of 1

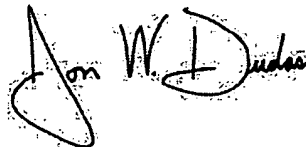
It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title Page Column 2 Item 57 (Abstract), Line 6, after "widening" delete ",",.

Column 22, Line 62, change "any one of" to --either--.

Signed and Sealed this

Ninth Day of January, 2007

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looped initial "J" and a distinct "D".

JON W. DUDAS
Director of the United States Patent and Trademark Office